

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018441.D
 Acq On : 24 Mar 2021 14:42
 Operator : SY/VA
 Sample : M1781-17
 Misc : 6.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S2

Quant Time: Mar 25 01:25:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

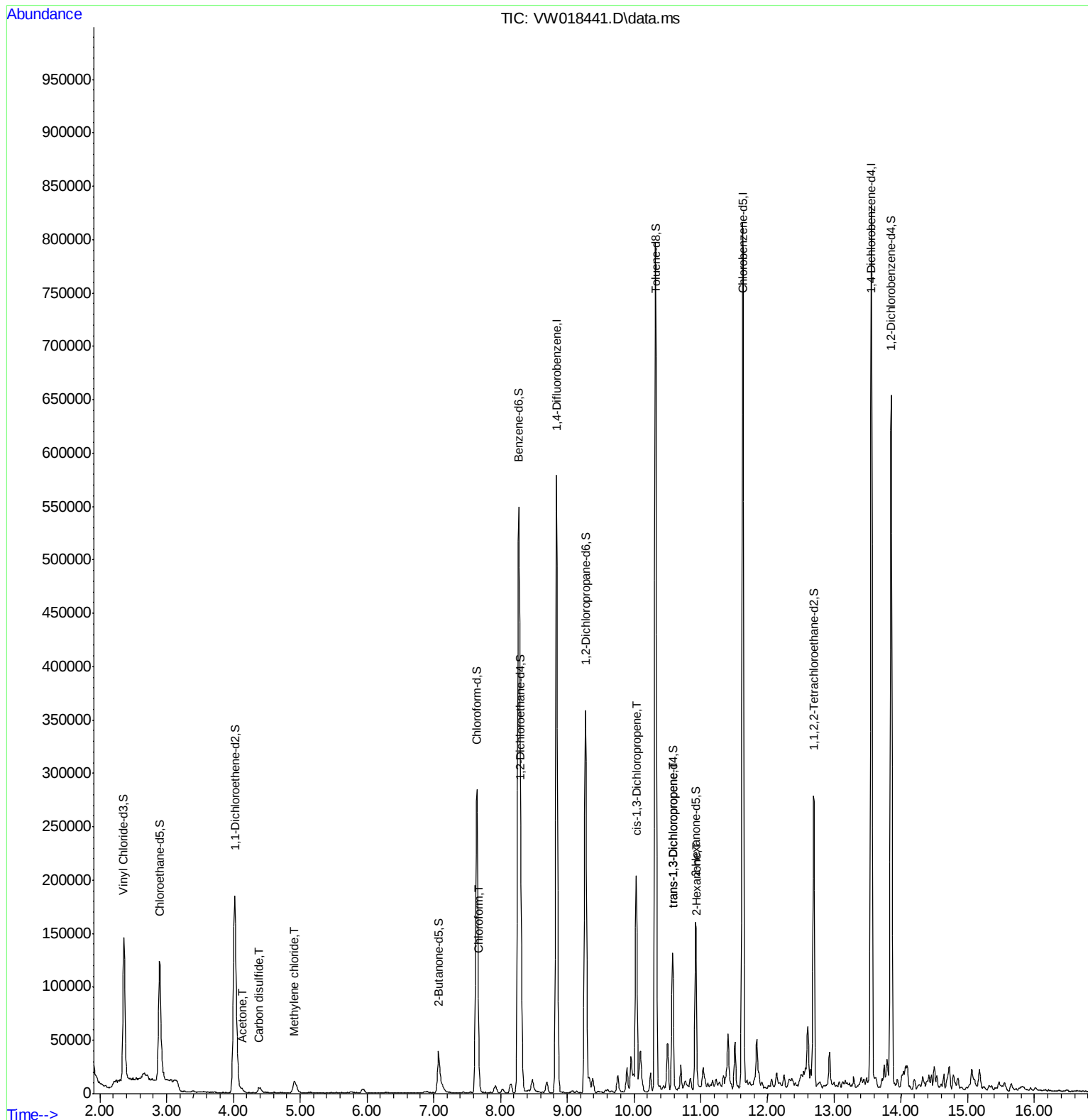
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	476750	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	427414	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	198004	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	172697	26.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.12%			
7) Chloroethane-d5	2.891	69	157555	27.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.52%			
10) 1,1-Dichloroethene-d2	4.019	63	209115	18.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.04%			
20) 2-Butanone-d5	7.074	46	61517	41.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.30%			
24) Chloroform-d	7.647	84	283506	23.35	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	8.305	65	163938	23.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.52%			
29) Benzene-d6	8.275	84	550061	24.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.84%			
33) 1,2-Dichloropropane-d6	9.274	67	158667	24.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.84%			
37) Toluene-d8	10.323	98	518236	23.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.76%			
38) trans-1,3-Dichloroprop...	10.579	79	70644	20.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.60%			
39) 2-Hexanone-d5	10.921	63	52810	41.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.34%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	126997	21.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.64%			
61) 1,2-Dichlorobenzene-d4	13.853	152	156629	22.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.00%			
Target Compounds						
13) Acetone	4.129	43	5203	4.90	ug/L	99
14) Carbon disulfide	4.379	76	5858	0.33	ug/L	98
16) Methylene chloride	4.915	84	9571	1.22	ug/L	87
25) Chloroform	7.671	83	5450	0.46	ug/L #	39
42) cis-1,3-Dichloropropene	10.037	75	5729	0.56	ug/L #	76
45) trans-1,3-Dichloropropene	10.579	75	3828	0.42	ug/L	90
49) 2-Hexanone	10.933	43	11522	4.47	ug/L #	46

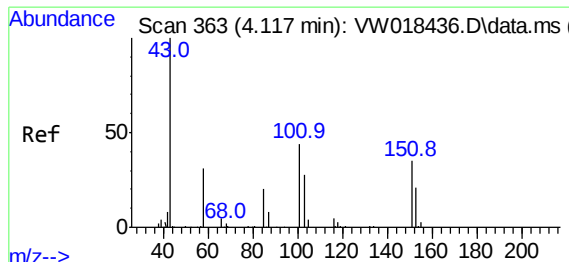
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 25 01:23:35 2021
Response via : Initial Calibration

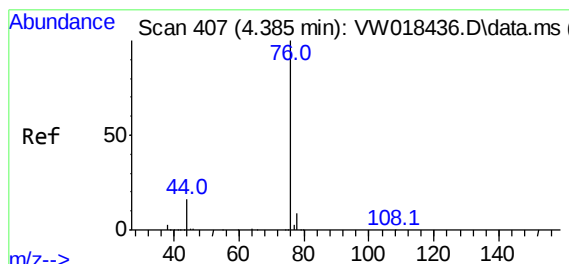
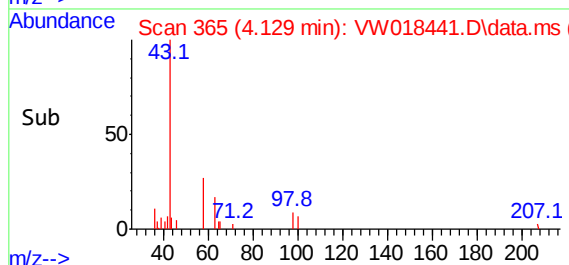
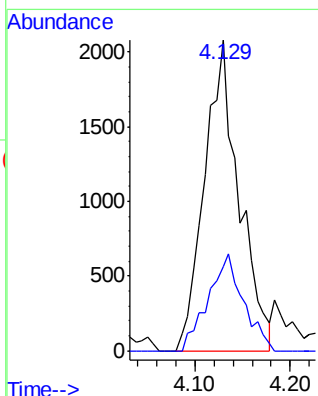
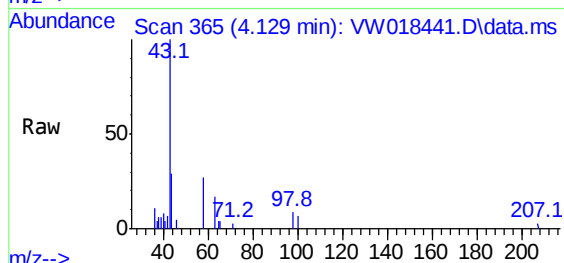




#13
Acetone
Concen: 4.90 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018441.D
Acq: 24 Mar 2021 14:42

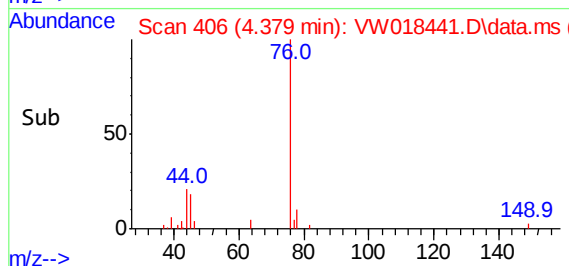
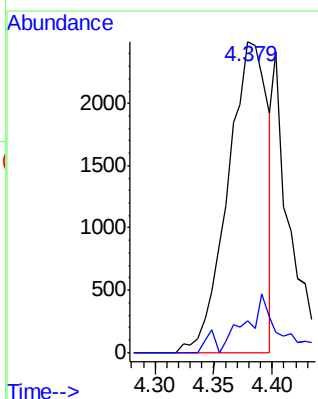
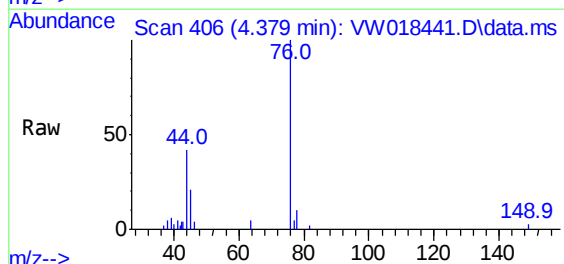
Instrument :
MSVOA_W
ClientSampled :
BG4S2

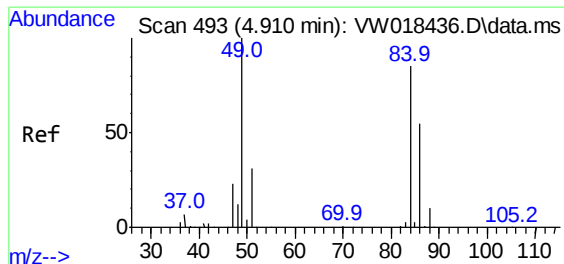
Tgt Ion: 43 Resp: 5203
Ion Ratio Lower Upper
43 100
58 31.8 0.0 62.2



#14
Carbon disulfide
Concen: 0.33 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018441.D
Acq: 24 Mar 2021 14:42

Tgt Ion: 76 Resp: 5858
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



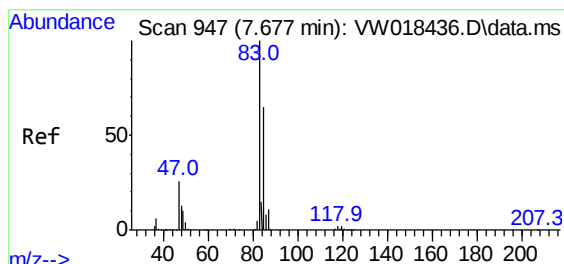
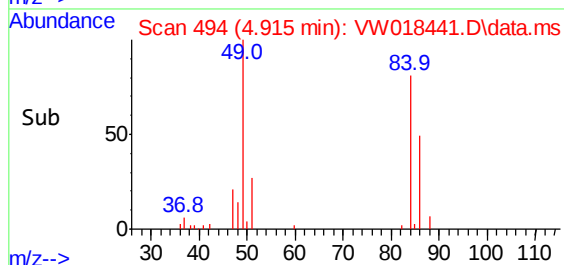
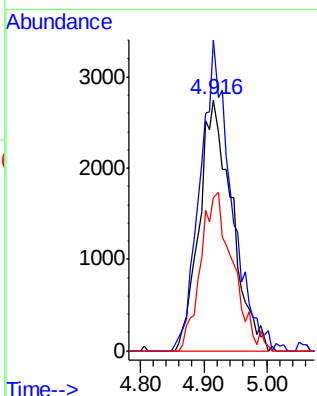
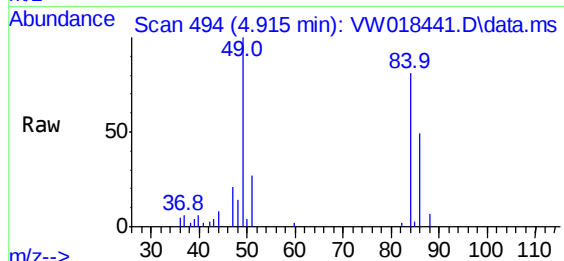


#16
Methylene chloride
Concen: 1.22 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018441.D
Acq: 24 Mar 2021 14:42

Instrument :
MSVOA_W
ClientSampled :
BG4S2

Tgt Ion: 84 Resp: 9571

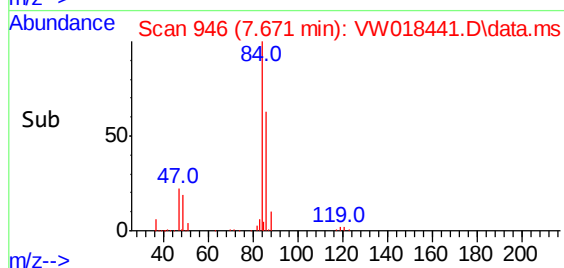
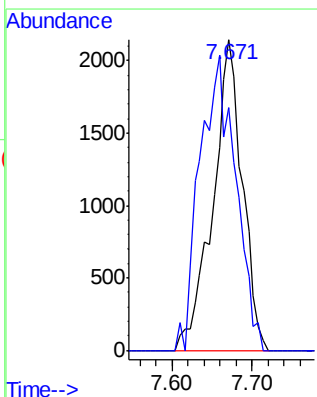
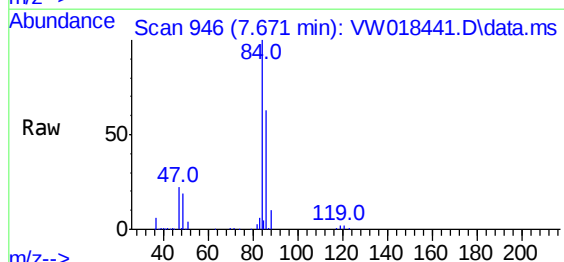
Ion	Ratio	Lower	Upper
84	100		
49	123.8	74.4	138.2
86	60.9	46.1	85.7

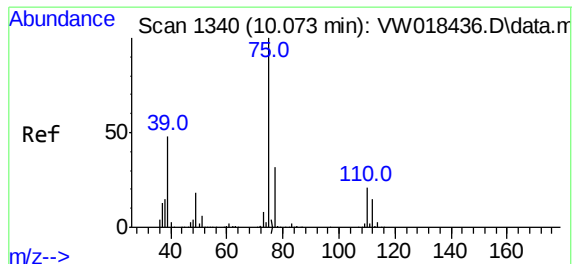


#25
Chloroform
Concen: 0.46 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018441.D
Acq: 24 Mar 2021 14:42

Tgt Ion: 83 Resp: 5450

Ion	Ratio	Lower	Upper
83	100		
85	114.8	46.4	86.2

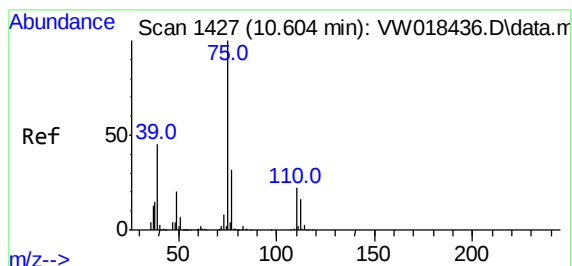
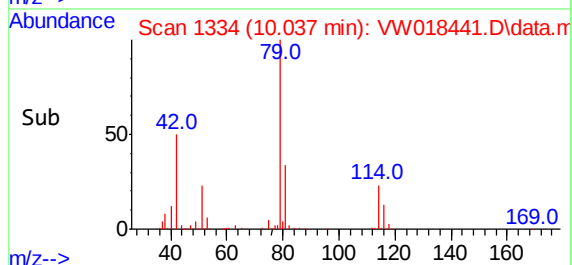
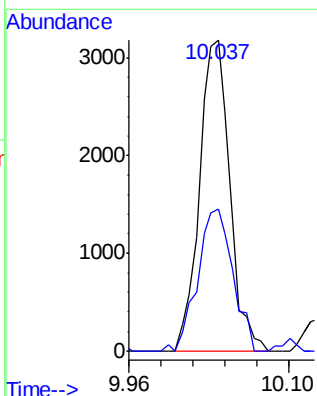
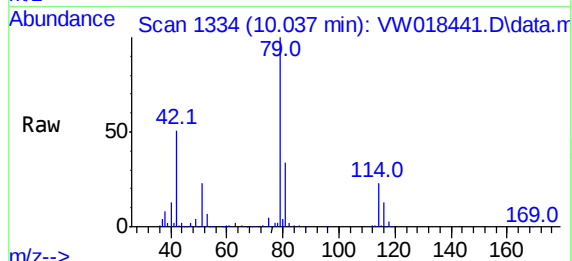




#42
cis-1,3-Dichloropropene
Concen: 0.56 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018441.D
Acq: 24 Mar 2021 14:42

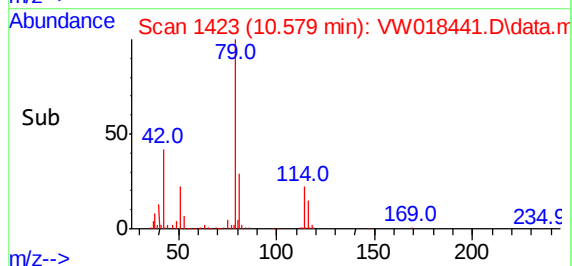
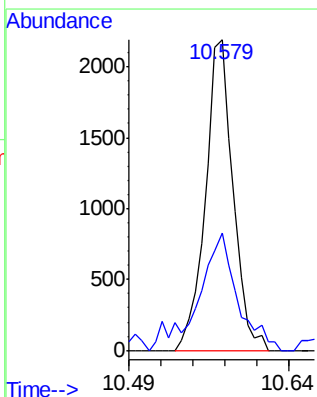
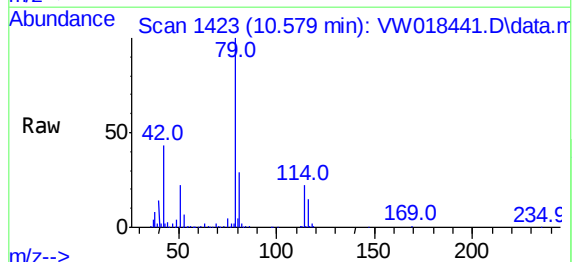
Instrument :
MSVOA_W
ClientSampled :
BG4S2

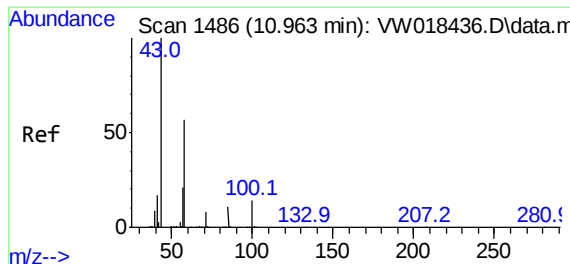
Tgt Ion: 75 Resp: 5729
Ion Ratio Lower Upper
75 100
77 45.6 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018441.D
Acq: 24 Mar 2021 14:42

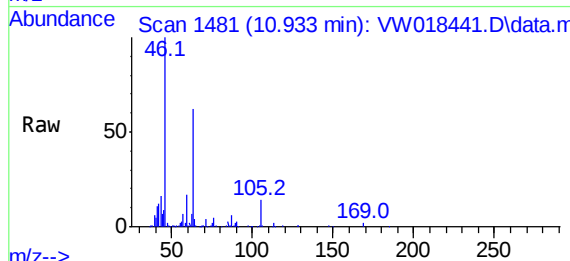
Tgt Ion: 75 Resp: 3828
Ion Ratio Lower Upper
75 100
77 37.8 22.6 42.0





#49
 2-Hexanone
 Concen: 4.47 ug/L
 RT: 10.933 min Scan# 1481
 Delta R.T. -0.031 min
 Lab File: VW018441.D
 Acq: 24 Mar 2021 14:42

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S2



Tgt Ion: 43 Resp: 11522

Ion	Ratio	Lower	Upper
43	100		
58	15.8	47.3	70.9#
57	48.2	17.3	25.9#
100	0.2	12.9	19.3#

